

**STAFF REPORT FOR THE HISTORIC RESOURCES COMMISSION MEETING OF
JULY 10, 2014**

FILE NO: HRC-14-055

AGENDA ITEM: F-6

STAFF AUTHOR: Susan Dorr Pansky, Planning Manager

REQUEST: To consider a request from the Carson City Public Works Department for Historic Resources Commission approval of the proposed Regional Water Project – Uranium Compliance with three separate components that include the Douglas-Costco Intertie, the East/West Transmission Line – Phase 2A-1 and the replacement of aging water lines in Division Street and Sherman Lane, as required for federally funded projects under Section 106 of the National Historic Preservation Act of 1966.

APPLICANT: Carson City Public Works

OWNER: Carson City Public Works

LOCATION: Various

RECOMMENDED MOTION: “I move to approve HRC-14-055, a request from the Carson City Public Works Department for the Regional Water Project – Uranium Compliance with three separate components that include the Douglas-Costco Intertie, the East/West Transmission Line – Phase 2A-1 and the replacement of aging water lines in Division Street and Sherman Lane based on the findings and conditions of approval outlined in the staff report, as required for federally funded projects under Section 106 of the National Historic Preservation Act of 1966 and consistent with Chapter 18.06 of the Carson City Municipal Code and with Historic Resources Commission Policies.”

RECOMMENDED CONDITIONS OF APPROVAL:

1. All development shall be substantially in accordance with the attached site development plans.
2. All on and off-site improvements shall conform to City standards and requirements.
3. The applicant must sign and return the Notice of Decision within 10 days of receipt of notification. If the Notice of Decision is not signed and returned within 10 days, then the item may be rescheduled for the next Historic Resources Commission meeting for further consideration.
4. The East/West Transmission Line, Phase 2A-1 component of the project shall require an archaeological monitor to be present during excavation activities associated with the construction of the booster station.
5. The Division Street and Sherman Lane water line replacement component of the project shall require that any water lines more than 50 years old be properly documented prior to replacement. A Memorandum of Agreement (MOA) with the State Historic Preservation Office regarding the documentation of said water lines shall be executed prior to the commencement of any construction activities.
6. Should any historic or pre-historic archeological remains be uncovered during the construction of any project component, construction activities shall cease

immediately and the applicant shall contact the State Historic Preservation Office for additional consultation per 36 CFR 800.13.b.3.

LEGAL REQUIREMENTS: Section 106 of the National Historic Preservation Act, CCMC 18.06.030 (Duties of HRC)

DISCUSSION:

Carson City Public Works is proposing to construct a project called the Regional Water Project – Uranium Compliance with funding loaned from the Drinking Water State Revolving Fund (DWSRF). This project includes three separate components as follows:

1. Douglas-Costco Intertie: This project will provide an additional point of connection to Douglas County to create redundancy in the water system. The water line will be installed from Topsy Lane to Old Clear Creek Road along Vista Grande Blvd. and end at a new pressure reducing valve (PRV). Additional new water line will be installed in Old Clear Creek Road to connect the PRV vault to the existing water line.
2. East/West Transmission Line – Phase 2A-1 with a Booster Station at Winnie Lane and Roop Street: from the terminus of the East/West Transmission Main at the intersection of E. Robinson Street and Saliman Road, the new water line will be installed through Mills Park to the intersection of E. Washington and N. Roop Streets. From there water will travel through the existing pipe network to a new small booster pump station which will be constructed near the intersection of N. Roop Street and Winnie Lane.
3. Replacement of Aging Water Lines in Division Street and Sherman Lane.

As a condition of the DWSRF funding, which is passed through the State of Nevada from the federal government, the project must comply with Section 106 of the National Historic Preservation Act of 1966. Section 106 requires that federally-funded projects determine potential impact on historic properties and explore measures on how those impacts may be avoided or mitigated.

Consultation with the State Historic Preservation Office (SHPO) pursuant to Section 106 was initiated through the Nevada Division of Environmental Protection (NDEP) on behalf of Carson City Public Works. SHPO reviewed the proposed project and issued a letter on April 3, 2014 with findings based on available archaeological inventory and historic documents. This letter also directed that the Carson City Historic Resources Commission (HRC) be consulted regarding the proposed project. Staff has discussed the project with SHPO and, based on these discussions, SHPO has consented to allow the HRC flexibility to propose modified recommendations, where appropriate. These modifications are based on more detailed local information and knowledge of the project areas.

Staff offers the following commentary and recommendations for each of the project components:

1. Douglas-Costco Intertie: The project area has been disturbed; therefore a cultural resources inventory or archaeological monitor is not necessary.
2. East/West Phase Transmission Line – Phase 2A-1: Prior to development, Mills

Park was located at the east end of the Virginia and Truckee Railroad Shops. Mainline tracks roughly paralleled William Street (US Hwy 50) with shop spurs beginning near the present day Community Center. A 1953 aerial map (Map 1 - attached) shows the V&T alignment and open space that is now Mills Park. By 1967, the railroad had been abandoned, and a nine-hole golf course was constructed in Mills Park (Map 2 - attached). The golf course was subsequently abandoned and developed as a community park. The proposed new water line lies within previously disturbed areas of Mills Park (Map 3 - attached). Conditions at Mills Park were discussed with SHPO and they agree with staff that historic properties are not likely to occur within the area of potential effect. Staff concludes that the Phase 2A-1 water line through Mills Park will not have an adverse effect on historic properties and does not recommend mitigation measures.

The Lone Mountain Cemetery (aka Wright Cemetery) contains markers dating as far back as the early 1860s. Many of the individuals buried at the hillside cemetery were moved to Lone Mountain Cemetery in the mid-1860s. Despite many of the individuals being reinterred at Lone Mountain, the little Pioneer graveyard was still patronized for many years, evidenced by one of the few remaining markers bearing the date of 1871. According to available records, there were originally seven separate cemeteries which were formed into one cemetery known as Lone Mountain in 1971. In 1979 the pillars at the entrance to the Cemetery were moved 500 feet east of their original location when Roop Street was expanded. Roop Street originally ran directly to the Civil War monument on the far north end of the cemetery grounds. The 1953 aerial map shows separate sections of the cemetery still remain with Roop Street ending at the cemetery entrance. Moody Street forms the western edge of the cemetery. In 2001, several unmarked graves were uncovered during utility excavations for a commercial development between Moody Street, Lee Street and the Roop Street extension. SHPO has indicated that the cemetery has some historic significance and also has potential burials that may not be marked today. Excavation for the booster station may encounter unmarked historic graves; therefore staff recommends archaeological monitoring during excavation of the proposed booster station.

3. Replacement of Aging Water Lines in Division Street and Sherman Lane: SHPO stipulated their conditional approval of water line replacement as long as all facilities, structures, and water mains were less than 50 years old. A review of Public Works files indicates that several of the replacement water lines within the Division Street and Sherman Lane areas were constructed in the 1950s and 1960s (Maps 4 and 5 - attached). In discussions with SHPO, they recommended that during water line trenching, descriptions and typical sections of the old line should be documented as a form of mitigation. They offered to provide a sample Memorandum of Agreement (MOA) to insure that requested documentation is completed. Staff recommends that a MOA be completed for sections of pipe that are more than 50 years old.

Attachments:

Maps 1 – 5

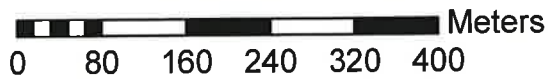
Memo from Public Works dated June 22, 2014



Legend

Name

- Mills Park Wateline
- Pump Station



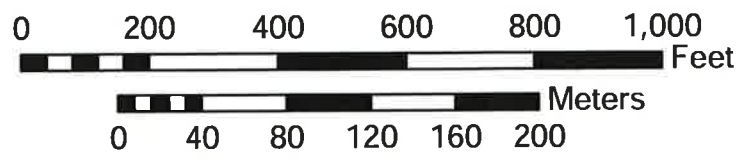
New Water Main and Pump Station
1953 Carson City Aerial Base Map



Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, Swisstopo, and the GIS User Community

Legend

- | | | |
|----------------|--|-------------------------------|
| Water | | 1980s |
| Date Installed | | 1990s |
| | | 1950s |
| | | 1960s |
| | | 2000s |
| | | 2010s |
| | | 50 Year Old Replacement Mains |



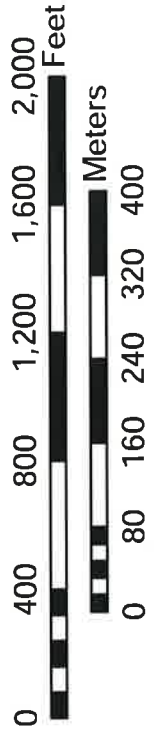
Water Main Replacement (Division Street Area)



Source: Esri, DigitalGlobe, GeoEye, iSatellite, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, iGP, swisstopo, and the GIS User Community

Legend

- Water
 - 1980s
 - 1990s
 - 2000s
 - 2010s
- Date Installed
 - 1950s
 - 1960s
 - 1970s
- 50 Year Old Replacement Mains



Water Main Replacement (Shertman Lane Area)



PUBLIC WORKS DEPARTMENT

ADMINISTRATION

3505 Buttl Way
Carson City, NV 89701-3498
Ph: 775-887-2355
Fx: 775-887-2112

FLEET SERVICES

3303 Buttl Way, Building 2
Carson City, NV 89701-3498
Ph: 775-887-2356
Fx: 775-887-2258

OPERATIONS

(Water, Sewer, Wastewater,
Streets, Landfill, Environmental)
3505 Buttl Way
Carson City, NV 89701-3498
Ph: 775-887-2355
Fx: 775-887-2112

ENGINEERING/ TRANSPORTATION/ CAPITAL PROJECTS

3505 Buttl Way
Carson City, NV 89701-3498
Ph: 775-887-2355
Fx: 775-887-2112

BUILDING and SAFETY PERMIT CENTER

108 E. Proctor Street
Carson City, NV 89701-4240
Ph: 775-887-2310
Fx: 775-887-2202

PLANNING

108 E. Proctor Street
Carson City, NV 89701-4240
Ph: 775-887-2180
Fx: 775-887-2278

HEARING IMPAIRED

Dial 711

CARSON CITY NEVADA

Consolidated Municipality and State Capital

June 22, 2014

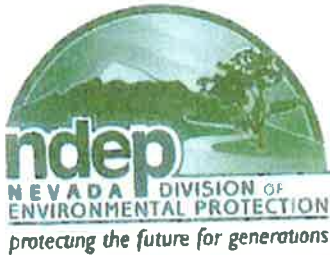
To: Susan Dorr-Pansky

From: David Bruketta, Utility Manager *DB*

Regarding: Approval of Public Works projects funded from the Drinking Water State Revolving Fund (DWSRF) by the Historic Resource Commission.

Summary: Carson City Public Works requested a loan from the DWSRF in the amount of \$6,000,000 to continue with the regional water project between Minden, Douglas County and Carson City. An overview of the projects is detailed in the Public Notice, Finding of No Significant Impact from the State of Nevada, Division of Environmental Protection (Exhibit A). The State received comments back from the State Historic Preservation Office- SHPO (Exhibit B). After meetings between the State and SHPO, the State recommended these projects be presented to the Historic Resource Commission for approval.





STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION

901 S. Stewart Street, Suite 4001 Carson City, Nevada 89701 (775) 687-4670 FAX 687-5856

Public Notice

FINDING OF NO SIGNIFICANT IMPACT DRINKING WATER STATE REVOLVING FUND LOAN

The Nevada Administrative Code in Sections 445A.6758 to 445A.67612, inclusive, outlines the environmental review procedures to be followed by the Division of Environmental Protection (NDEP) to meet the requirements of the National Environmental Policy Act. In accordance with these procedures, NDEP has determined that the project described below is eligible for Finding of No Significant Impact (FONSI) and may be exempted from further substantive environmental review requirements. The project will utilize funds from the Drinking Water State Revolving Loan Fund.

Project Name: Regional Water Project – Uranium Compliance

Project No.: 7 - Year 2014 Priority List

Applicant: Carson City

Total Estimated Drinking Water State Revolving Fund Assistance: \$6,000,000

Through interlocal agreements, Carson City will receive Carson City owned water from the Town of Minden, piped through Douglas County to an intertie point at the south end of Carson City. The water from the Town of Minden will be used to blend with high uranium water from wells on the west side of town by constructing transmission lines from the southern border of Carson City north to the intersection of Fairview Drive and Fifth Street and then from the intersection of Butti Way and Airport Road to the west and ultimately continuing on to the Quill Water Treatment Plant. The water transmission lines will be constructed in existing rights-of-way and already disturbed land.

Two elements of this loan continue the Regional Water Project:

1. The Douglas-Costco Intertie: this project will provide an additional point of connection to Douglas County to create redundancy in the water system. Water line will be installed from Topsy Lane to Old Clear Creek Road along Vista Grande Blvd and end at a new pressure reducing valve (PRV). Additional new water line will be installed in Old Clear Creek Road to connect the PRV vault to the existing water line.
2. East/West Phase 2A-1 transmission line with a small booster station at Winnie Lane and Roop Street: from the terminus of the East-West Transmission Main at the intersection of E. Robinson Street and Saliman Road, the new water line will be installed through Mills Lane Park to the intersection of E. Washington and N. Roop Streets. From there water will travel through existing pipe network to a new small booster pump station which will be constructed near the intersection of N. Roop Street and Winnie Lane.

In addition, some of this loan funding will be used to replace aging water line in both the Division Street and Sherman Lane areas as a part of the City's capital improvement program.

NDEP has determined that the project is eligible for a FONSI because the new and replacement water lines and booster pump station will be installed in already disturbed areas and existing street rights-of-

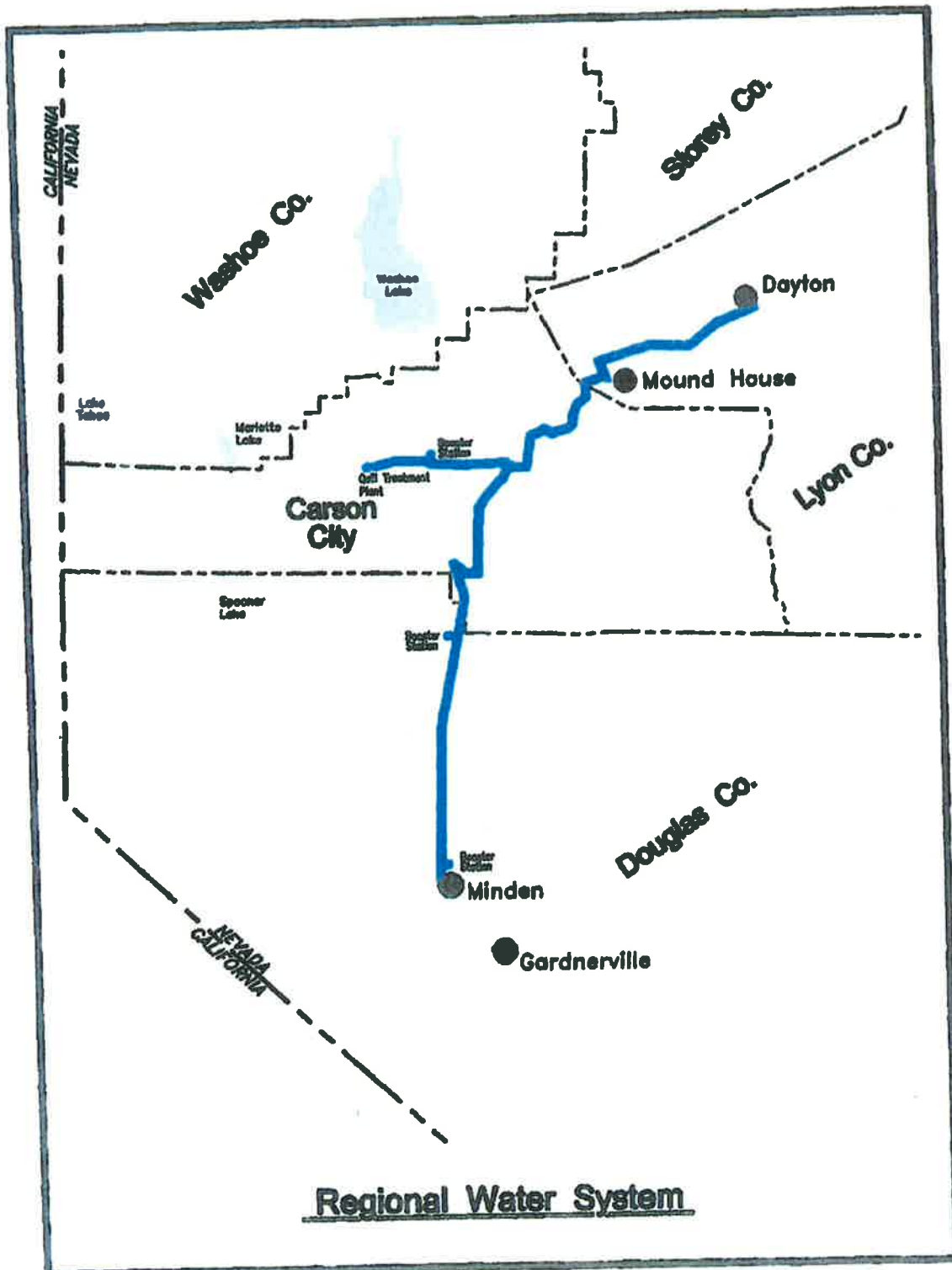
way and are unlikely to have a negative effect on the quality of the environment. Best management practices will be utilized during construction. The project will have a beneficial effect by ensuring the customers receive water that is safe to drink.

Compliance with section 106 of the National Historic Preservation Act will occur before construction begins. Documentation to support these conclusions is available for public examination at the office of the Division of Environmental Protection, 901 S. Stewart St., Suite 4001, Carson City, Nevada.

Comments for consideration on this decision must be submitted by April 4, 2014 to:

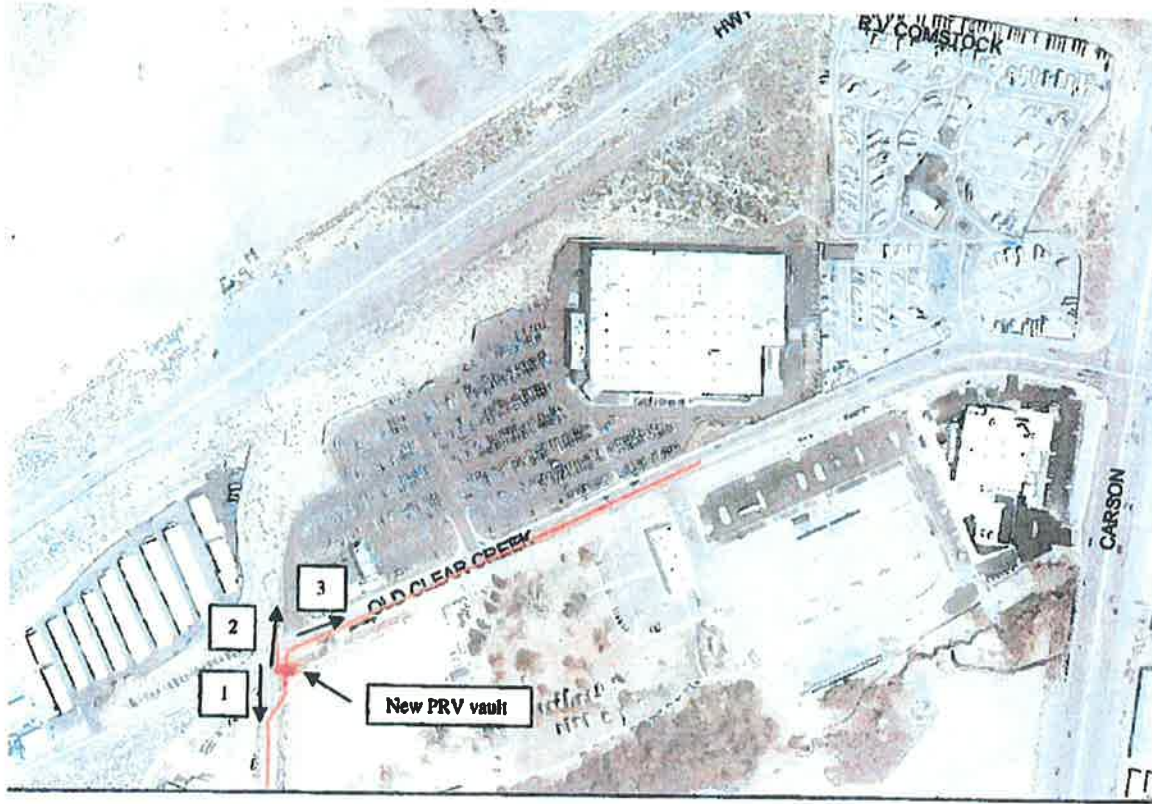
Michelle Stamates
Drinking Water State Revolving Fund Program
901 S. Stewart St., Suite 4001
Carson City, NV 89701-5405.

Comments may also be submitted by FAX to (775) 687-9510 or by e-mail to mstamate@ndep.nv.gov. Questions regarding this notice may be directed to Michelle Stamates at (775) 687-9331.



Regional Water System

General layout of Regional Water System



Douglas Costco Intertie

Currently, this large section of the City is on a dead end water line. The goal of this project is to provide an additional point of connection to Douglas County to create redundancy in the water system. This project phase allows water from Douglas County to be transported to the Carson City system; as well as installing a stub for a future project that will allow Carson City's water to flow into Douglas County. Approximately 1,376 feet of new 14-inch PVC water line will be installed in Vista Grande Blvd from Old Clear Creek Rd to Topsy Ln, 1,750 feet of new 12-inch PVC water line will be installed in Old Clear Creek Road, and PRVs (with vaults, sample hydrants, and flow meters) will be installed on City property at the corner of Old Clear Creek Rd and Vista Grande Blvd. All work will be performed on City owned property and rights-of-way.



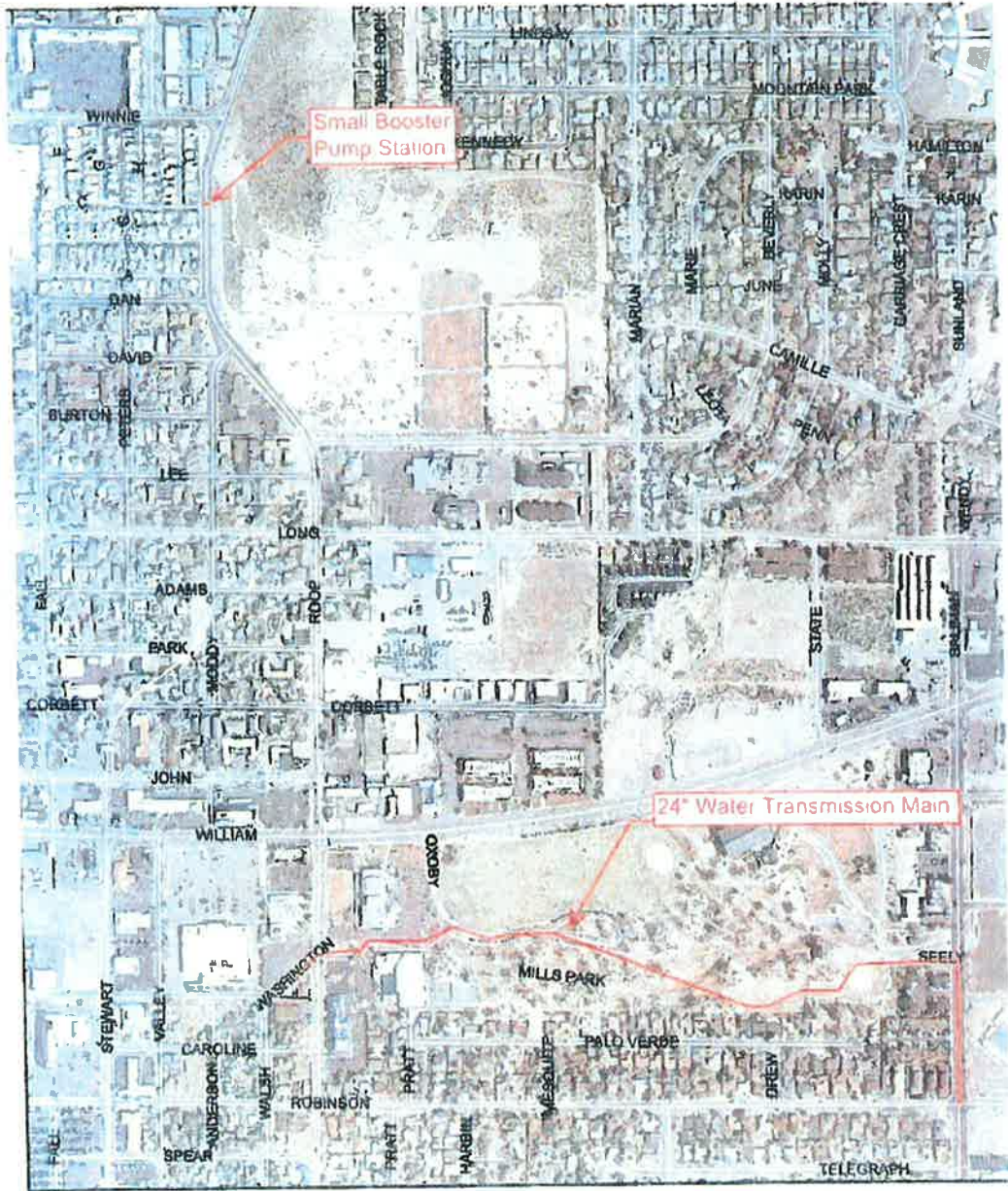
1 - Looking south on Vista Grande Blvd from Old Clear Creek Rd



2 - Looking north across Old Clear Creek Rd where the future connection will be stubbed out



3 – Looking east on Old Clear Creek Rd from Vista Grande Blvd



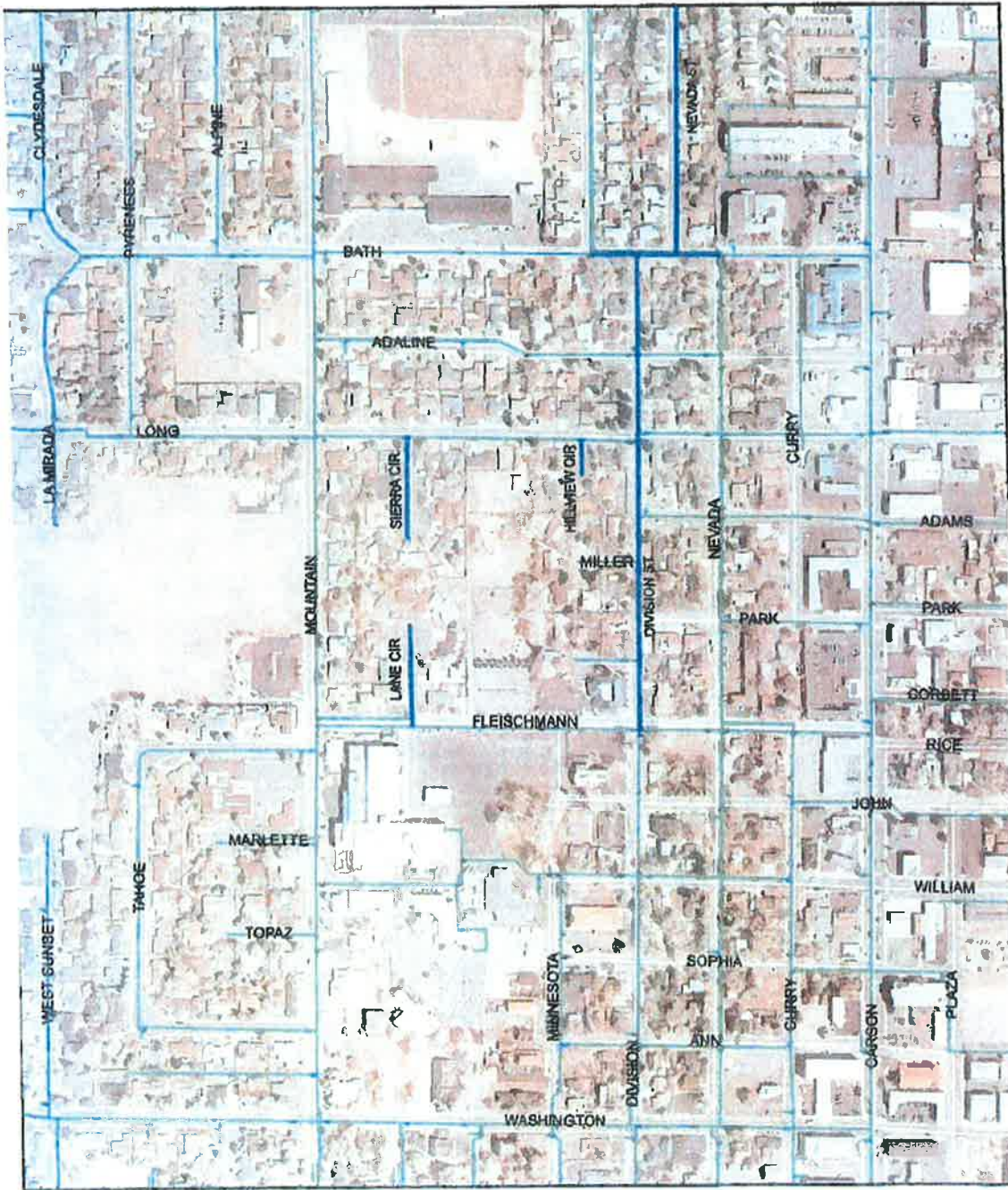
E-W Water Transmission Main Project Phase 2A-1 and Small Booster Pump Station at Winnie and Roop

This phase of the project will continue the Regional intertie which is a component of the uranium mitigation plan. From the terminus of the East-West Transmission Main at the intersection of E. Robinson Street and Saliman Road, the new water line will be installed north to the Seely Loop and then through Mills Lane Park to the intersection of E. Washington and N. Roop Streets. From there water will travel through existing pipe network to a new small booster pump station which will be constructed near the intersection of N. Roop Street and approximately Dan Street. This new booster pump station will push water into a higher

pressure zone which serves western and northern areas of the City. This alternative was chosen because it maximized use of the existing pipe network and minimized conflicts with sewer laterals. All work will be performed on existing City owned property and utility rights-of-way.



The new, small booster station will likely be located on cemetery ground (below ground surface) – approximate area is noted above

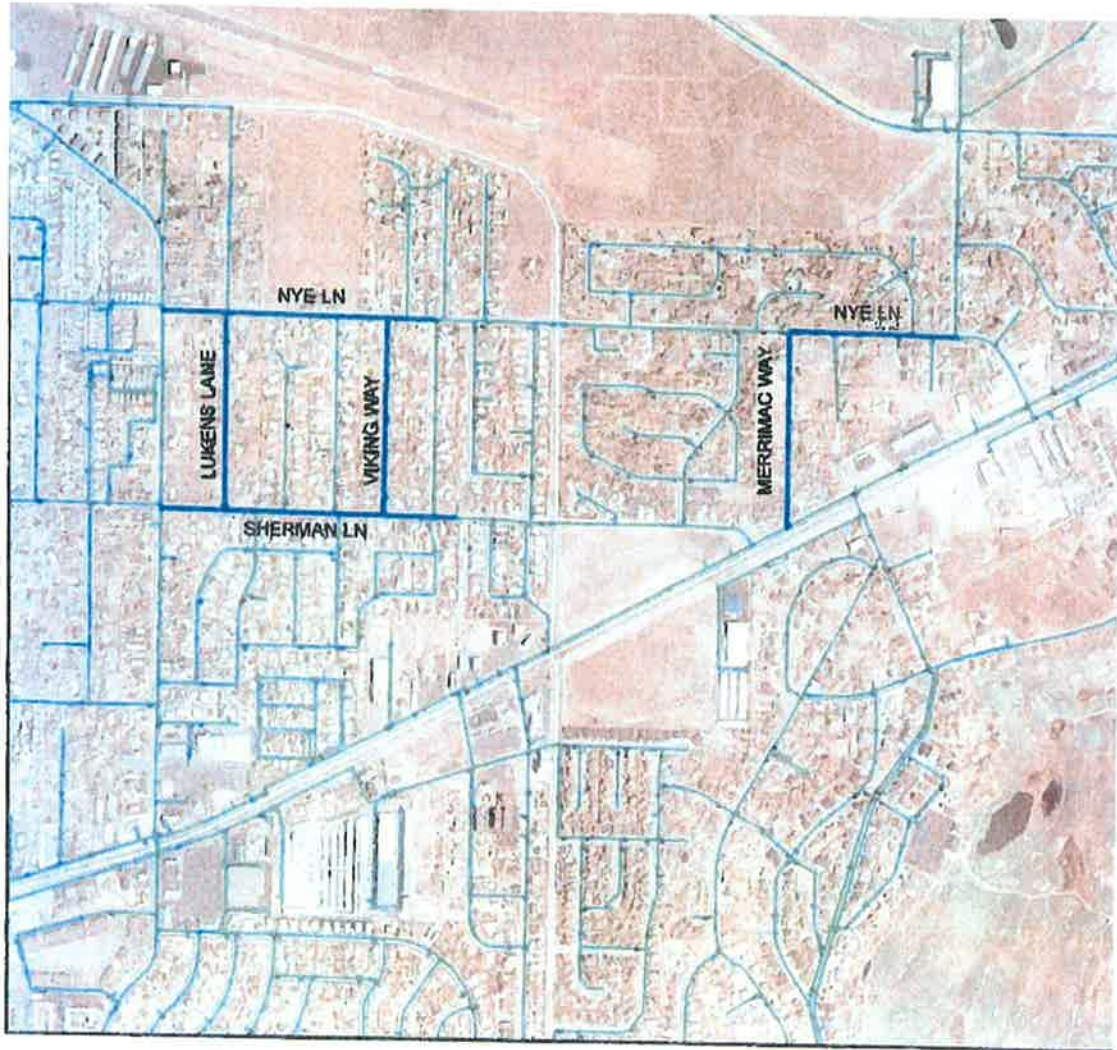


Water Main Replacement (Division St. Area)

- Sierra Circle
- Lane Circle
- Hillside Way
- Meyer and N. Nevada
- Division St. - Bath to Fleischmann



1 inch = 400 feet

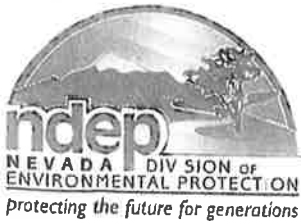


Water Main Replacement (Sherman Ln Area)

- Nye Lane - Airport to Kit Sierra
- Sherman Lane - Airport to Kit Sierra
- Viking Way
- Lukens Lane
- Merrimac Way
- Nye Lane - Merrimac to Bowers



1 inch = 1,000 feet



STATE OF NEVADA
Department of Conservation & Natural Resources
DIVISION OF ENVIRONMENTAL PROTECTION

Brian Sandoval, Governor
Leo M. Drozdoff, P.E., Director
Colleen Cripps, Ph.D., Administrator

February 26, 2014

Rebecca Lynn Palmer
State Historic Preservation Office
901 S. Stewart St., STE 5004
Carson City, NV 89701

Dear Ms. Palmer:

Section 106 of the National Historic Preservation Act of 1966 (NHPA) requires we take into account historic properties when considering funding a project through the Drinking Water State Revolving Fund (DWSRF). We are considering funding improvements to the Carson City water system to continue the regional water project and replace older water lines within the City. NDEP has determined that the project is eligible for a finding of no significant impact as detailed in the enclosed public notice. Location and site maps, proposed project diagrams, and site photos are included.

We would appreciate your review of the Carson City project under Section 106 of the NHPA and concurrence with our determination. Thank you for your assistance. If you need additional information or have any questions, please contact me at (775) 687-9331.

Sincerely,

Michelle Stamates, P.E.
Drinking Water State Revolving Fund Program

Enclosures



Exhibit B

LEO M. DROZDOFF, P.E.
Director
Department of Conservation and
Natural Resources

REBECCA L. PALMER
State Historic Preservation Officer

BRIAN SANDOVAL
Governor

STATE OF NEVADA



Address Reply to:
901 S. Stewart St, Suite 5004
Carson City, NV 89701-5248
Phone: (775) 684-3448
Fax: (775) 684-3442

www.nvshpo.org

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APR 07 2014

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
STATE HISTORIC PRESERVATION OFFICE

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ENVIRONMENTAL PROTECTION

APR -7 2014

April 3, 2014

Michelle Stamates, PE
Drinking Water State Revolving Fund Program
Nevada Division of Environmental Protection
901 S. Stewart, STE 4001
Carson City, Nevada 89701

RE: *Regional Water Project-Uranium Compliance, Carson City, Nevada.*
Undertaking #2014-3075.

Dear Ms. Stamates:

The Nevada State Historic Preservation Office (SHPO) reviewed the subject undertaking.

According to the subject documents the undertaking consists of the following actions:

1. The Douglas-Costco Intertie:
 - a. An additional point of connection to Douglas County, which includes a new water line installed from Topsy Lane to Old Clear Creek Road along Vista Grande Blvd to end at a new pressure reducing valve.
 - b. An additional new water line will be installed in Old Clear Creek Road to connect the pressure reducing valve vault to the existing water line.
2. East/West Phase 2A-1:
 - a. Transmission line with a small booster station near Winnie Lane and Roop Street.
 - b. A new water line will be installed through Mills Lane Park to the intersection of E. Washington and N. Roop Street.
 - c. The construction of a new small booster pump station near the intersection of N. Roop Street and Winnie Lane.
3. Replacement of aging water line at Division Street and Sherman Lane.

In order to determine the cultural sensitivity of the project area, the SHPO consulted the online statewide archaeological inventory, architectural inventory, and a selection of historic documents and maps. According to these records, the project area for the Douglas-Costco Interchange has been

Michelle Stamates
Page 2 of 2
April 3, 2014

inventoried for cultural resources and no historic properties have been recorded in the project area. According to your letter the project area is disturbed. The SHPO would not recommend a cultural resources inventory for the proposed undertaking.

In order to determine the cultural sensitivity of the project area, the SHPO consulted the online statewide archaeological inventory, architectural inventory, and a selection of historic documents and maps. According to these records, the project area for East/West Phase 2A-1 transmission line and booster station, despite the fact that historic properties have been recorded in the project area it has not been inventoried for cultural resources. The SHPO would recommend a cultural resources inventory for part of the proposed undertaking.

In order to determine the cultural sensitivity of the project area, the SHPO consulted the online statewide archaeological inventory, architectural inventory, and a selection of historic documents and maps. According to these records, the project area for replacement of aging water line at Division Street and Sherman Lane, which has had some previous inventory for cultural resources and historic properties have been recorded in the project area. As these historic properties are architectural it is unlikely that the proposed undertaking will have a direct or indirect adverse effect.

The SHPO would conditionally concur with the Environmental Protection Agency's (EPA) determination that the proposed undertaking, excluding East/West Phase 2A-1 transmission line and booster station section, will not pose an adverse effect to historic properties. This is conditional upon the all fact that all facilities, structures, and the water main replacements are under 50 years of age.

The SHPO reminds the EPA that the agency must consult with Native American representatives concerning properties of religious or cultural significance that could be affected by the undertaking (36 CFR Part 800.4.a.4.). What efforts have been made to provide these representatives with an opportunity to comment on this undertaking?

The SHPO reminds the EPA that the agency must consult with affected members of the public and representatives of organizations that have a demonstrated interest in historic properties that could be affected by the undertaking (36 CFR Part 800.4.c.5.). What efforts have been made to provide these representatives, such as National Park Service – National Trails Office, the Oregon-California Trail Association, USDA-Forest Service Carson City, and the Carson City's Historic Resources Commission with an opportunity to comment on this undertaking?

If any buried or previously unidentified resources are located during the project activities, the SHPO recommends that all work in the vicinity of the find cease and this office be contacted for additional consultation per 36 CFR 800.13.b.3.

Should you have any questions concerning this correspondence, please contact Jessica Axsom at (775)684-3445 or by e-mail at jaxsom@shpo.nv.gov.

Sincerely,



Julie H. Ernstein, Ph.D., RPA
Deputy State Historic Preservation Officer